Using Native Grasses to Reduce Runoff - A Continuation

Clean Water Funds: 2012

Clean Water Grant	$34,500
Leveraged Funds*	$8,625
Total Project Budget	$43,125

* Leveraged Funds include

Targeted Water:
Sand Creek

Project Sponsor:
Scott Watershed Management Organization

Grant Period:
January 2012—December 2014

Project Contact:
Paul Nelson
pnelson@co.scott.mn.us
www.co.scott.mn.us

C12-54 - Clean Water Assistance

Project Narrative

Deteriorating water quality of Sand Creek and some of its tributaries are.linked to inorganic sediment from field erosion and channel instability. This project continues a succesful 2010 Clean Water Fund effort that addresses turbidity and sediment by targeting select subwatersheds for the conversion of row crops to native grasses.

A long-term strategy is to reduce runoff in Sand Creek. Alternative grass crops have been identified as one of the conservation practices to promote. This will be done by offering incentive and cost share payments for the establishment of native grass on land that is currently row cropped. This will reduce sediment and phosphorus, moderate water flows and benefit numerous lakes in the Sand Creek Watershed, Sand Creek, Louisville Swamp and the Minnesota River.

Proposed Outcomes:

Establish 25 acres of native grasses for runoff, sediment and phosphorus reduction - Sand Creek

Proposed Reductions: 12 acre-feet/year Hydrology, 26 lbs/year Phosphorus and 27 tons/year Sediment

Actual Outcomes:

Project in Progress

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